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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/833,328

DATE: 01/24/2002
 TIME: 12:28:28

Input Set : A:\PTO.VSK.txt
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3 <110> APPLICANT: Laemmle, Bernhard
 4 Schwarz, Hans-Peter
 5 Scheiflinger, Friedrich
 6 Antoine, Gerhard
 7 Kerschbaumer, Randolph
 8 Tagliavacca, Luigina
 9 Zimmermann, Klaus
 10 Furlan, Miha
 11 Turecek, Peter
 12 Gerritsen, Helena E.
 14 <120> TITLE OF INVENTION: Composition Exhibiting a von Willebrand Factor (vWF)
 Protease Activity
 15 Comprising a Polypeptide Chain with the Amino Acid Sequence AAGGILHLELLV
 17 <130> FILE REFERENCE: 247.00CIP
 19 <140> CURRENT APPLICATION NUMBER: 09/833,328
 20 <141> CURRENT FILING DATE: 2001-04-12
 22 <150> PRIOR APPLICATION NUMBER: 09/721,254
 23 <151> PRIOR FILING DATE: 2000-11-22
 25 <160> NUMBER OF SEQ ID NOS: 15
 27 <170> SOFTWARE: PatentIn version 3.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 12
 31 <212> TYPE: PRT
 32 <213> ORGANISM: human
 34 <400> SEQUENCE: 1
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 37 1 5 10
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 133
 42 <212> TYPE: PRT
 43 <213> ORGANISM: human
 45 <400> SEQUENCE: 2
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 52 20 25 30
 55 Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro
 56 35 40 45
 59 Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser
 60 50 55 60
 63 Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro
 64 65 70 75 80
 67 Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu
 68 85 90 95

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71 Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala
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75 Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe Asp
76 115 120 125
79 Leu Gly Val Thr Ile
80 130
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84 <211> LENGTH: 444
85 <212> TYPE: DNA
86 <213> ORGANISM: human
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93 cttcgggacc cgtccctggg ggctcagtt cgggtgcacc tggtaagat ggtcattctg 180
95 acagagcctg agggtgcccc aaatatcaca gccaacctca ctcgtccct gctgagcgtc 240
97 tgtgggtgga gccagaccat caacccttag gacgacacgg atcctggcca tgctgacctg 300
99 gtcctctata tcacttagtt tgacctggag ttgcctgtat gtaaccggca ggtgcggggc 360
101 gtcacccagc tgggcgggtgc ctgctccca acctggagct gcctcattac cgaggacact 420
103 ggcttcgacc tgggagtcac catt 444
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107 <211> LENGTH: 148
108 <212> TYPE: PRT
109 <213> ORGANISM: human
111 <400> SEQUENCE: 4
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114 1 5 10 15
117 Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val Leu Thr
118 20 25 30
121 Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu Gly Ala
122 35 40 45
125 Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro Glu
126 50 55 60
129 Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser Val
130 65 70 75 80
133 Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro Gly
134 85 90 95
137 His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu Pro
138 100 105 110
141 Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala Cys
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164 <210> SEQ ID NO: 6
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172 1 5 10 15
175 Gly Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val
176 20 25 30
179 Leu Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu
180 35 40 45
183 Gly Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu
184 50 55 60
187 Pro Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu
188 65 70 75 80
191 Ser Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp
192 85 90 95
195 Pro Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu
196 100 105 110
199 Leu Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly
200 115 120 125
203 Ala Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe
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233 <210> SEQ ID NO: 9
234 <211> LENGTH: 9
235 <212> TYPE: PRT
236 <213> ORGANISM: human
238 <400> SEQUENCE: 9
240 Ala Ala Gly Gly Ile Leu His Leu Glu
241 1 5
244 <210> SEQ ID NO: 10

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Input Set : A:\PTO.VSK.txt
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256 <211> LENGTH: 15
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258 <213> ORGANISM: human
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267 <211> LENGTH: 5
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269 <213> ORGANISM: human
271 <400> SEQUENCE: 12
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278 <211> LENGTH: 20
279 <212> TYPE: DNA
280 <213> ORGANISM: oligo primer
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286 <210> SEQ ID NO: 14
287 <211> LENGTH: 20
288 <212> TYPE: DNA
289 <213> ORGANISM: oligo primer
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295 <210> SEQ ID NO: 15
296 <211> LENGTH: 136
297 <212> TYPE: PRT
298 <213> ORGANISM: human
300 <400> SEQUENCE: 15
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303 1           5           10           15
306 Tyr Val Leu Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro
307           20          25          30
310 Ser Leu Gly Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu
311           35          40          45
314 Thr Glu Pro Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser
315           50          55          60
318 Leu Leu Ser Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp
319 65           70          75          80
322 Thr Asp Pro Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp
323           85          90          95

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326 Leu Glu Leu Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu
327 100 105 110
330 Gly Gly Ala Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr
331 115 120 125
334 Gly Phe Asp Leu Gly Val Thr Ile
335 130 135

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/833,328

DATE: 01/24/2002
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